

## Refine Search

### Search Results -

Term	Documents
(34 NOT 32).PGPB,USPT.	9
(L34 NOT L32 ).PGPB,USPT.	9

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L36

Refine Search

Recall Text

Clear

Interrupt

### Search History

 DATE: Thursday, January 22, 2004   [Printable Copy](#)   [Create Case](#)

<u>Set</u> <u>Name</u> <u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT; PLUR=YES; OP=OR</i>		
<u>L36</u> L34 not l32	9	<u>L36</u>
<u>L35</u> L34 not l32	9	<u>L35</u>
<u>L34</u> L33 near15 (earl\$3 or predict\$4 or speculat\$4)	18	<u>L34</u>
<u>L33</u> (out) near4 (order or sequenc\$3) near6 retir\$7 near6 (instruction\$1 or microinstruction\$1)	173	<u>L33</u>
<u>L32</u> L31 near8 (predict\$4 or speculat\$4)	10	<u>L32</u>
<u>L31</u> (out near4 order or sequenc\$3) near4 retir\$7 near4 (instruction\$1 or microinstruction\$1)	171	<u>L31</u>
<u>L30</u> (out near4 order or sequenc\$3) near6 retir\$7 near6 (instruction\$1 or microinstruction\$1)	202	<u>L30</u>
<u>L29</u> (order or sequenc\$3) near6 retir\$7 near6 (instruction\$1 or microinstruction\$1)	562	<u>L29</u>

(predict\$4 or speculat\$4) near4 retir\$7 near5 (instruction\$1 or

<u>L28</u>	microinstruction\$1) near9 (criteria or criterium or condition\$1 or requirement\$1 or potential or capable or likely\$4 or possibilit\$4)	18	<u>L28</u>
<u>L27</u>	(predict\$4 or speculat\$4) near4 retir\$7 near5 (instruction\$1 or microinstruction\$1)	157	<u>L27</u>
<u>L26</u>	L24 and l12	161	<u>L26</u>
<u>L25</u>	L24 and l12	161	<u>L25</u>
<u>L24</u>	(predict\$4 or speculat\$4) near5 retir\$7 near7 (instruction\$1 or microinstruction\$1)	179	<u>L24</u>
<u>L23</u>	(predict\$4 or speculat\$4) near5 retir\$7	336	<u>L23</u>
<u>L22</u>	retir\$7 near5 ahead near6 (instruction\$1 or microinstruction\$1)	8	<u>L22</u>
<u>L21</u>	5958047.pn. and retir\$7	1	<u>L21</u>
<u>L20</u>	L19 and l12	28	<u>L20</u>
<u>L19</u>	(predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1) and (id\$1 or identif\$4 or identification\$1) near5 retir\$7 near15 (no near1 op or nop or branch\$3 or null\$5)	28	<u>L19</u>
<u>L18</u>	l12 and l17	76	<u>L18</u>
<u>L17</u>	(predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1) and (id\$1 or identif\$4 or identification\$1) near5 retir\$7 and (no near1 op or nop or branch\$3 or null\$5)	91	<u>L17</u>
<u>L16</u>	(predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1) and (id\$1 or identif\$4 or identification\$1) and (no near1 op or nop or branch\$3 or null\$5)	280	<u>L16</u>
<u>L15</u>	((predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1) and (id\$1 or identif\$4 or identification\$1) and (no near1 op or nop or branch\$3 or null\$5) )	280	<u>L15</u>
<u>L14</u>	((predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1) and (id\$1 or identif\$4 or identification\$1) and (no near1 op or nop or branch\$3 or null\$5) )!	280	<u>L14</u>
<u>L13</u>	L12 and l10	251	<u>L13</u>
<u>L12</u>	(712/3-300)[CCLS]	9329	<u>L12</u>
	<i>DB=USPT; PLUR=YES; OP=OR</i>		
<u>L11</u>	(712/3-300)![CCLS]	8256	<u>L11</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L10</u>	((predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near8 (instruction\$1 or microinstruction\$1) and (id\$1 or identif\$4 or identification\$1) and (no near1 op or nop or branch\$3 or null\$5) )!	299	<u>L10</u>
<u>L9</u>	(predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near8 (instruction\$1 or microinstruction\$1) and (id\$1 or identif\$4 or identification\$1)	317	<u>L9</u>
<u>L8</u>	(predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near8 (instruction\$1 or microinstruction\$1)	364	<u>L8</u>
<u>L7</u>	(potential or most or likely\$4 oe earl\$3 or proba\$6) near5 retir\$7 near6 (id\$1 or identif\$3 or identification\$1)	13	<u>L7</u>
<u>L6</u>	L3 near10 (id\$1 or identif\$3 or identification\$1)	3	<u>L6</u>
<u>L5</u>	L3 near10 (id\$3 or identif\$7)	3	<u>L5</u>
<u>L4</u>	L3 and (id\$3 or identif\$7) near7 retir\$6	73	<u>L4</u>

L3 (decid\$3 or determin\$6 ) near6 retir\$7 near5 (instruction\$1 or microinstruction\$1)

246 L3

L2 L1

193 L2

*DB=USPT; PLUR=YES; OP=OR*

L1 (decid\$3 or determin\$6 ) near6 retir\$7 near5 (instruction\$1 or microinstruction\$1)

193 L1

END OF SEARCH HISTORY

side		set
<i>DB=USPT; PLUR=YES; OP=OR</i>		
<u>L19</u>	(detect\$3 or determin\$7) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1) near9 (updat\$3)	20 <u>L19</u>
<u>L18</u>	(detect\$3 or determin\$7) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1) near15 (terminat\$5 or remov\$3 or finish\$3 or stop\$4 or inhibit\$3 or suspend\$3)	4 <u>L18</u>
<u>L17</u>	(detect\$3 or determin\$7) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1) near9 (terminat\$5 or remov\$3 or finish\$3 or stop\$4 or inhibit\$3 or suspend\$3)	4 <u>L17</u>
<u>L16</u>	(detect\$3 or determin\$7) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1) near6 (condition\$1 or criteria or criterium)	10 <u>L16</u>
<u>L15</u>	L13 and l5	227 <u>L15</u>
<u>L14</u>	L13 and l5	227 <u>L14</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L13</u>	(detect\$3 or determin\$7) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1)	305 <u>L13</u>
<u>L12</u>	L11 and l5	48 <u>L12</u>
<u>L11</u>	(earl\$3 or advanc\$3 or prior) near5 retir\$7 near5 (instruction\$1 or micro near1 instruction\$1) and (id\$3 or identif\$8) near6 retir\$8	56 <u>L11</u>
<i>DB=USPT; PLUR=YES; OP=OR</i>		
<u>L10</u>	(earl\$3 or advanc\$3 or prior) near5 retir\$7 near5 (instruction\$1 or micro near1 instruction\$1) and (id\$3 or identif\$8) near6 retir\$8	49 <u>L10</u>
<u>L9</u>	(earl\$3 or advanc\$3 or prior) near5 retir\$7 near5 (instruction\$1 or micro near1 instruction\$1) and (id\$3 or identif\$8)	142 <u>L9</u>
<u>L8</u>	l5 and L7	145 <u>L8</u>
<u>L7</u>	(earl\$3 or advanc\$3 or prior) near5 retir\$7 near5 (instruction\$1 or micro near1 instruction\$1)	148 <u>L7</u>
<u>L6</u>	l1 and L5	45 <u>L6</u>
<u>L5</u>	l2 or l3 or L4	22648 <u>L5</u>
<u>L4</u>	(717/101-178)![CCLS]	3993 <u>L4</u>
<u>L3</u>	(711/123-221)![CCLS]	11915 <u>L3</u>
<u>L2</u>	(712/3-300)![CCLS]	8256 <u>L2</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L1</u>	(earl\$3 or advanc\$3) near5 retir\$7 near5 (instruction\$1 or micro near1 instruction\$1)	71 <u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Term	Documents
(3 AND 41).PGPB,USPT.	10
(L41 AND L3 ).PGPB,USPT.	10

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L42

Refine Search

Recall Text

Clear

Interrupt

### Search History

 DATE: Thursday, January 22, 2004   [Printable Copy](#)   [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
<i>DB=PGPB,USPT; PLUR=YES; OP=OR</i>			
<u>L42</u>	L41 and l3	10	<u>L42</u>
<u>L41</u>	l39 or l40	2190	<u>L41</u>
<u>L40</u>	(717/127-132)! [CCLS]	832	<u>L40</u>
<u>L39</u>	(714/37-40 ) [CCLS]	1518	<u>L39</u>
<u>L38</u>	(714/37-40 ) [CCLS]	1518	<u>L38</u>
<u>L37</u>	(714/37-40 )! [CCLS]	7	<u>L37</u>
<u>L36</u>	L34 not l32	9	<u>L36</u>
<u>L35</u>	L34 not l32	9	<u>L35</u>
<u>L34</u>	L33 near15 (earl\$3 or predict\$4 or speculat\$4)	18	<u>L34</u>
<u>L33</u>	(out) near4 (order or sequenc\$3) near6 retir\$7 near6 (instruction\$1 or microinstruction\$1)	173	<u>L33</u>
<u>L32</u>	L31 near8 (predict\$4 or speculat\$4)	10	<u>L32</u>

<u>L31</u>	(out near4 order or sequenc\$3) near4 retir\$7 near4 (instruction\$1 or microinstruction\$1)	171	<u>L31</u>
<u>L30</u>	(out near4 order or sequenc\$3) near6 retir\$7 near6 (instruction\$1 or microinstruction\$1)	202	<u>L30</u>
<u>L29</u>	(order or sequenc\$3) near6 retir\$7 near6 (instruction\$1 or microinstruction\$1)	562	<u>L29</u>
<u>L28</u>	(predict\$4 or speculat\$4) near4 retir\$7 near5 (instruction\$1 or microinstruction\$1) near9 (criteria or criterium or condition\$1 or requirement\$1 or potential or capable or likely\$4 or possibilit\$4)	18	<u>L28</u>
<u>L27</u>	(predict\$4 or speculat\$4) near4 retir\$7 near5 (instruction\$1 or microinstruction\$1)	157	<u>L27</u>
<u>L26</u>	L24 and l12	161	<u>L26</u>
<u>L25</u>	L24 and l12	161	<u>L25</u>
<u>L24</u>	(predict\$4 or speculat\$4) near5 retir\$7 near7 (instruction\$1 or microinstruction\$1)	179	<u>L24</u>
<u>L23</u>	(predict\$4 or speculat\$4) near5 retir\$7	336	<u>L23</u>
<u>L22</u>	retir\$7 near5 ahead near6 (instruction\$1 or microinstruction\$1)	8	<u>L22</u>
<u>L21</u>	5958047.pn. and retir\$7	1	<u>L21</u>
<u>L20</u>	L19 and l12	28	<u>L20</u>
<u>L19</u>	(predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1) and (id\$1 or identif\$4 or identification\$1) near5 retir\$7 near15 (no near1 op or nop or branch\$3 or null\$5)	28	<u>L19</u>
<u>L18</u>	l12 and l17	76	<u>L18</u>
<u>L17</u>	(predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1) and (id\$1 or identif\$4 or identification\$1) near5 retir\$7 and (no near1 op or nop or branch\$3 or null\$5)	91	<u>L17</u>
<u>L16</u>	(predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1) and (id\$1 or identif\$4 or identification\$1) and (no near1 op or nop or branch\$3 or null\$5)	280	<u>L16</u>
<u>L15</u>	((predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1) and (id\$1 or identif\$4 or identification\$1) and (no near1 op or nop or branch\$3 or null\$5) )	280	<u>L15</u>
<u>L14</u>	((predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near5 (instruction\$1 or microinstruction\$1) and (id\$1 or identif\$4 or identification\$1) and (no near1 op or nop or branch\$3 or null\$5) )!	280	<u>L14</u>
<u>L13</u>	L12 and l10	251	<u>L13</u>
<u>L12</u>	(712/3-300)[CCLS] <i>DB=USPT; PLUR=YES; OP=OR</i>	9329	<u>L12</u>
<u>L11</u>	(712/3-300)![CCLS] <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>	8256	<u>L11</u>
<u>L10</u>	((predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near8 (instruction\$1 or microinstruction\$1) and (id\$1 or identif\$4 or identification\$1) and (no near1 op or nop or branch\$3 or null\$5) )!	299	<u>L10</u>
<u>L9</u>	(predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near8 (instruction\$1 or microinstruction\$1) and (id\$1 or identif\$4 or identification\$1)	317	<u>L9</u>
	(predict\$5 or detect\$4 or determin\$6) near5 retir\$7 near8 (instruction\$1 or		

<u>L8</u>	microinstruction\$1)	364	<u>L8</u>
<u>L7</u>	(potential or most or likely\$4 or earl\$3 or proba\$6) near5 retir\$7 near6 (id\$1 or identif\$3 or identification\$1)	13	<u>L7</u>
<u>L6</u>	L3 near10 (id\$1 or identif\$3 or identification\$1)	3	<u>L6</u>
<u>L5</u>	L3 near10 (id\$3 or identif\$7)	3	<u>L5</u>
<u>L4</u>	L3 and (id\$3 or identif\$7) near7 retir\$6	73	<u>L4</u>
<u>L3</u>	(decid\$3 or determin\$6 ) near6 retir\$7 near5 (instruction\$1 or microinstruction\$1)	246	<u>L3</u>
<u>L2</u>	L1	193	<u>L2</u>
	<i>DB=USPT; PLUR=YES; OP=OR</i>		
<u>L1</u>	(decid\$3 or determin\$6 ) near6 retir\$7 near5 (instruction\$1 or microinstruction\$1)	193	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

**Search Results - Record(s) 1 through 10 of 10 returned.**

☐ 1. Document ID: US 6681387 B1

**Using default format because multiple data bases are involved.**

L42: Entry 1 of 10

File: USPT

Jan 20, 2004

US-PAT-NO: 6681387

DOCUMENT-IDENTIFIER: US 6681387 B1

TITLE: Method and apparatus for instruction execution hot spot detection and monitoring in a data processing unit

DATE-ISSUED: January 20, 2004

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hwu; Wen-mei William	Champaign	IL		
Merten; Matthew Carl	Champaign	IL		
Trick; Andrew Raymond	Champaign	IL		
George; Christopher Neith	Urbana	IL		
Gyllenhaal; John Christopher	Livermore	CA		

US-CL-CURRENT: 717/158; 711/1, 712/234, 714/38, 717/127, 717/131

Full	Title	Citation	Front	Review	Classification	Date	Reference	Drawings	Abstracts	Claims	KWIC	Draw De
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☐ 2. Document ID: US 6675372 B1

L42: Entry 2 of 10

File: USPT

Jan 6, 2004

US-PAT-NO: 6675372

DOCUMENT-IDENTIFIER: US 6675372 B1

TITLE: Counting speculative and non-speculative events

Full	Title	Citation	Front	Review	Classification	Date	Reference	Drawings	Abstracts	Claims	KWIC	Draw De
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☐ 3. Document ID: US 6195748 B1

L42: Entry 3 of 10

File: USPT

Feb 27, 2001



US-PAT-NO: 6195748

DOCUMENT-IDENTIFIER: US 6195748 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Apparatus for sampling instruction execution information in a processor pipeline

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 4. Document ID: US 6175814 B1

L42: Entry 4 of 10

File: USPT

Jan 16, 2001

US-PAT-NO: 6175814

DOCUMENT-IDENTIFIER: US 6175814 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Apparatus for determining the instantaneous average number of instructions processed

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 5. Document ID: US 6070009 A

L42: Entry 5 of 10

File: USPT

May 30, 2000

US-PAT-NO: 6070009

DOCUMENT-IDENTIFIER: US 6070009 A

TITLE: Method for estimating execution rates of program execution paths

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 6. Document ID: US 6009514 A

L42: Entry 6 of 10

File: USPT

Dec 28, 1999

US-PAT-NO: 6009514

DOCUMENT-IDENTIFIER: US 6009514 A

TITLE: Computer method and apparatus for analyzing program instructions executing in a computer system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 7. Document ID: US 6000044 A

L42: Entry 7 of 10

File: USPT

Dec 7, 1999

US-PAT-NO: 6000044

DOCUMENT-IDENTIFIER: US 6000044 A

TITLE: Apparatus for randomly sampling instructions in a processor pipeline

Full	Title	Citation	Front	Review	Classification	Date	Reference	Source	Attachments	Claims	KMC	Draw De
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☐ 8. Document ID: US 5966530 A

L42: Entry 8 of 10

File: USPT

Oct 12, 1999

US-PAT-NO: 5966530

DOCUMENT-IDENTIFIER: US 5966530 A

TITLE: Structure and method for instruction boundary machine state restoration

Full	Title	Citation	Front	Review	Classification	Date	Reference	Source	Attachments	Claims	KMC	Draw De
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☐ 9. Document ID: US 5649136 A

L42: Entry 9 of 10

File: USPT

Jul 15, 1997

US-PAT-NO: 5649136

DOCUMENT-IDENTIFIER: US 5649136 A

TITLE: Processor structure and method for maintaining and restoring precise state at any instruction boundary

Full	Title	Citation	Front	Review	Classification	Date	Reference	Source	Attachments	Claims	KMC	Draw De
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☐ 10. Document ID: US 5644742 A

L42: Entry 10 of 10

File: USPT

Jul 1, 1997

US-PAT-NO: 5644742

DOCUMENT-IDENTIFIER: US 5644742 A

TITLE: Processor structure and method for a time-out checkpoint

Full	Title	Citation	Front	Review	Classification	Date	Reference	Source	Attachments	Claims	KMC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
(3 AND 41).PGPB,USPT.	10
(L41 AND L3).PGPB,USPT.	10

Display Format:

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